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VIGO COUNTY, INDIANA

GILBERT J. LEONARD, DIRECTOR

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THE

WARNING PLAN

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- d. Ideally, a warning time for the people should provide time to listen to the electronic media for details.
- e. "Alert time" and "warning time" might be short enough to be compressed together as one and there just might not be enough time for either to be given.

3. Management of the Operational System

- a. Management of the emergency operational system usually is scattered among the various chiefs of services during preparedness time.
- b. Management of the system during a disaster operation is usually retained by an elected official.
- c. Both methods or rather habits are often inefficient. The management of the system in either case should be the responsibility of a professional disaster control or emergency government department.

4. Damage Assessment

- a. The single most important management element in post-disaster time is the assessment of the damage resulting from the occurrence and this includes the recovery actions needed.
- b. The responsibility for damage assessment should be given to a competent and experienced department of government. The duties might be given to one department only or they could be divided amongst several.
- c. The assignment should be made a part of the community's written plans or action agreements and the responsible agency or agencies should be tested periodically.

5. Emergency Public Information

- a. The public has an inherent right and a very real need to know as much as possible about any disaster.
- b. Definite procedures must be provided for dissemination of official information to the news media from one central source.

- c. The emergency information must be actual, precise and correct so that there would be no confusion and so that all news media will receive the same information.

B. The Planning Goal

The objective of this plan is to respond to one of the elements of Disaster Management, Warning.

1. Prior Plan

- a. No warning plan has ever previously been separated from the Vigo County Communications Program as a separate and distinct plan. The vehicles for causing the warning to be sounded were included in that Program but not the sound devices or other controlling elements.

2. Updating of the Plan

- a. An updating of any plan is requisite as time passes and, because additional noise makers are now available and, because the number of radio receivers have increased, the updating of the Vigo County Disaster Warning Plan is needed.

3. Ordering of the Plan

- a. The components of the prior warning plan have been scattered amongst other plans and included as parts of other documents. Due to the requirements of the community being changed and, in addition to an updating of the prior plan being needed, an ordering of the prior plan into a one-piece DISASTER WARNING PLAN is appropriate.

II. PROJECT DESIGN

A. Survey of Sound Devices:

1. Sirens

There are no sirens in Vigo County specifically purchased, installed and maintained for Civil Defense purposes only. It was necessary that the owners of all community sirens held for other purposes be persuaded to dedicate them, in a time of need, to the warning of the citizens of an impending disaster. It was deemed useful that these same sirens and other sound devices should be sounded after a disaster to inform the people.

a. Stationary Sirens

- (1) The survey indicated that throughout Vigo County there are fifteen (15) Volunteer Fire Departments and five (5) factories which have stationary sirens which could be used for warning purposes. (see Att: I, Annex "A".)
- (2) These twenty (20) stationary sirens are identified on the "WARNING COVERAGE MAP" by a blue circle enclosing a red numeral. Each blue circle is two (2) inches in diameter which signifies an audible distance for each instrument of one (1) mile in any direction, the radius of the circle. Thus the scale is one inch to the mile. The distance of audibility was determined in consultation with the volunteers of Fire Departments and the management of the industries involved.
- (3) The one (1) mile audibility is considered to be a conservative estimate. It is a judgement of the fire volunteers and management of industry that the audibility would actually be 25% to 50% more than indicated or 1/4 to 1/2 mile farther on any radius of the circle.
- (4) Two (2) additional stationary sirens will be installed to widen the warning sound coverage of the county. One (1) will be a new omni-directional high frequency siren at the Indiana Air National Guard on top of the hangar at Hulman Field. One (1) siren will be made available by Civil Defense to the Mt. Pleasant Mine and will be installed on their tipple. These added sirens will be shown on the "WARNING COVERAGE MAP" as blue circles enclosing red numerals. (see Att: I, Annex "A").

b. Mobile Sirens

- (1) There were not enough fixed sounding devices to cover the land area and an acceptable percentage of the population of Vigo County. Therefore, it was necessary that mobile coverage be arranged to augment the fixed warning capability.
- (2) Thirty-four (34) siren equipped mobile units in Vigo County have been selected for inclusion in the warning system. Thirty-one (31) of these devices are on vehicles which are a part of the equipment of the Volunteer and City Fire Departments. One (1) is a State Police vehicle and two (2) are mobile units of the Chas. Pfizer Co. All are identified on the "WARNING COVERAGE MAP" by red circles enclosing a black numeral. (see Att: I, Annex "B")
- (3) Planned positioning of the mobile sound units at predesignated locations has created additional warning segments of two (2) miles each or one (1) mile radii. (see Att: I, Annex "D")
- (4) The audibility range suggested in Para. 1.a.(3) is also conservative for the mobile sirens and a less restrictive judgement would increase the range 1/4 to 1/2 mile in each incremental radius segment.

2. Whistles

It is the purpose of this community to use all of its existing noisemakers in the warning system. Whistles are good attention getters and the following whistles are necessarily included in the DIS-ASTER WARNING PLAN. (see Att: I, Annex "C".)

a. Stationary Whistles

- (1) There are eight (8) stationary whistles located in industry which can be used for warning purposes.
- (2) The stationary whistles can also be heard one (1) mile in any direction from the point of emanation and are shown on the "WARNING COVERAGE MAP" as dark gray circles enclosing green numerals.

3. Bells

There are no bells available for primary warning purposes. The bells discovered are in churches only and the bells which could be added to the warning noise makers are in churches which are next to Catholic Schools. While the Catholic Schools are a part of the warning system, it seems impractical to rely on the neighboring church bells as a part of the primary warning system. If they are sounded, it may be useful but they will not be relied upon.

- a. There are no bells considered in the primary warning plan.

B. Survey of Warning Communications:

1. Radio Decoders

Vigo County Civil Defense has two (2) radio frequencies, 154.31mhz and 158.76mhz, which are the carriers for all warning messages. Each decoder is completely silent until it is activated by the proper tone being generated by an encoder on its frequency. At the end of a short period, it automatically becomes deactivated. One frequency, 154.31mhz, also serves as a triggering device for the stationary Volunteer Fire sirens.

One hundred and one (101) decoders are being used in the warning system. They are divided into five (5) CPS segments on radio frequency 158.76mhz. Frequency 154.31mhz has a different CPS for each volunteer fire department decoder. (see Att: V, Annex "A".) Additional decoders are added to the system as agreements to purchase are received from other community entities.

a. Voice Warning Messages

- (1) Eighty-nine (89) decoders designed to receive a voice warning message only, are in place throughout Vigo County.
- (2) Seventy-four (74) decoders are in entities which do not have sound devices but will respond to the voice warning message by extending the warning to their employees and to such other individuals as they can reach within their capabilities. (see Att: II, Annex "A".)
- (3) Five (5) decoders are positioned in industrial entities which will sound a total of seven (7) stationary sirens and extend as in a.(2). (see Att: II, Annex "B".)
- (4) Six (6) decoders are positioned in industrial entities which will sound a total of eight (8) whistles and extend as in a.(2). (see Att: II, Annex "C".)
- (5) Four (4) decoder/recoders are positioned in the electronic media. They will extend the warning message by broadcast to the general public over radio and television. These receivers are equipped with recorders and the tapes can go directly "on air". (see Att: II, Annex "D".)

b. Radio Activated Warning Sounds

- (1) There are twelve (12) decoders positioned in volunteer fire departments which will directly activate the stationary siren located at these stations. Each of the twelve (12) decoders has its own coded tone and each receiver can be activated singly and thus sound its own siren individually from all the rest. Yet all can be activated together and the sirens sounded simultaneously. (see Att: II, Annex "E")

2. Radio Transceivers

Vigo County Civil Defense has three (3) government services radio frequencies available for use. One frequency, 158.76mhz, is used for day to day purposes, one (1) frequency, 155.025mhz, is assigned to emergency operations only and is a state-wide frequency and one (1) frequency 154.31mhz is assigned for the use of the Vigo County Civil Defense Fire Services Association. This frequency, 154.31 mhz, is used by all Volunteer fire departments and Civil Defense, and is monitored, and responded to, on call, by the Terre Haute City Fire Department. Two (2) of the frequencies are in use daily and are primary carriers of warning messages and signals. One (1) frequency 155.025mhz will be used locally in a major disaster only but can be used as an inter-county communications media at any time.

a. Voice Warning Messages

- (1) The fire services frequency, 154.31mhz provides two-way radio service to fifteen (15) volunteer fire departments. There is at least one such department in each township.
- (2) The fire services frequency, 154.31mhz, is the carrier for the generated tones which will in time trigger the twenty-five (25) mobile sirens located at the fifteen (15) volunteer fire departments and deploy them to their designated warning locations.
- (3) The government services frequency, 158.76 mhz, is the carrier for the generated tones by the encoder which will activate the eighty-nine(89) decoders other than the twelve (12) located in volunteer fire departments.
- (4) The government services frequency, 155.025 mhz, will not be used in the warning system except as it may be proper to notify and warn adjacent counties of an imminent or actual disaster.

3. Telephone Services

The only way in which the telephone services can be used is to lease or rent land lines to serve sirens or voice sounding equipment. This is an expensive method and not completely reliable since storm or attack damage could eliminate or seriously impair the system.

- a. There is no telephone service planned for use in the warning system other than might occur incidentally.

III. USE PLAN

A. Restructuring of Plan

1. Philosophy Emphasis

Public Law 920, enacted by the U.S. Congress in 1950, is the legal basis for the States and the political subdivisions to create public warning and survival systems against the perils of war to the civilian. The Indiana Civil Defense Act, enacted in 1951, broadened the responsibilities of Civil Defense in Indiana to include public warning, survival systems and recovery for natural disasters as well as man-caused.

To this date, Vigo County has not acquired a Civil Defense sound warning system dedicated exclusively to the purpose of warning the general public of an impending disaster. The cost of any outdoor warning system is very high and this county has never seriously considered the purchase of a siren or voice system for the sole purpose of warning.

There seems to be some credibility for the theory that all that any siren warning system can do is to cause the public to be alarmed and curious and to turn to the electronic media for details. Any instrument or system, which can create a cacophany of sound at any given moment, could achieve the same result. Additionally, because most of the equipment of a voluntary system is owned by entities using it for other purposes, there would be little direct governmental expense for maintenance.

Therefore, it has been the policy of the county to search out all of the community's private and public sound devices, triggering mechanisms and communication systems and to put them all together into a county-wide DISASTER WARNING PLAN.

2. Warning Coverage

A WARNING COVERAGE MAP is included herewith as Att: V, Annex "A". The Map clearly indicates the warning coverage disclosed by research. Final determination of the percentage of coverage of the land area and the population was obtained by testing the system and the plan.

The background of the Map is green colored and indicates those land areas which appear to have no means of receiving any disaster warning. It may be that some of the uncovered areas are actually in warned areas but only repeated testing can resolve the exact percentage of the effective warning coverage.

a. Location of Sound Devices

- (1) Large blue circles mark the location and the warning coverage considered effective for each stationary siren. The red numeral imposed upon each blue circle designates the owners name.
- (2) Large gray circles mark the location and the warning coverage considered effective for each whistle. The green numerals imposed upon each gray circle designates the owners name.
- (3) Large red circles mark the operational location and the warning coverage considered effective for each mobile siren. The black numerals imposed upon each red circle designates the owners name.

b. Location of Decoders

- (1) Small dark blue dots indicate the location of the receivers in Industry.
- (2) Small dark red dots indicate the location of the receivers in Education.
- (3) Small yellow dots indicate the location of the receivers in Medical sites.
- (4) Small dark green dots indicate the location of the receivers in the Electronic Media.
- (5) Small white dots indicate the location of the receivers in the Volunteer Fire Departments.
- (6) Small black dots indicate the location of the receivers in Emergency Response Departments.

c. The "WARNING COVERAGE MAP" indicates the location, ownership and area coverage of the fixed and mobile sirens, the whistles and the location of all silent receivers. It gives a visual indication of the percentage of warning coverage of the land area and the approximate warning coverage of the population.

3. Deficiencies

There are two (2) elements of deficiency which must be determined. One is in land area coverage and the other is in population coverage.

a. Land Area Coverage

- (1) Land area coverage is important only if a dense population is contained within the area. When the population is scattered, a warning deficiency in the land area has little or no significance.
- (2) The green colored area of the "WARNING COVERAGE M.P." implies that there is approximately 25% of the land area of Vigo County which is outside the warning coverage.
- (3) There is no data or mapping of residences to which reference can be made for an accurate residence count but an evaluation of the area outside the warning coverage discloses that the residences involved are either scattered farm dwellings or small satellite bedroom communities.
- (4) A study of these dwellings and communities suggests that there are no more than five hundred (500) homes which lie within the areas that seemingly have no warning capability.

b. Population Coverage

- (1) There is no part of the population of the City of Terre Haute which cannot receive a sound warning from one of the stationary or mobile sirens or one of the whistles.
- (2) The incorporated towns of Riley, Seelyville and West Terre Haute lie within the areas of warning coverage of at least one of the sound devices.
- (3) The unincorporated communities are also well within the warning coverage areas.
- (4) The population not covered by any warning sound is that portion of the people presumed to be living in the deficient land area. This area contains the approximate total of five hundred (500) homes referred to in Par. C.3.a.(4).

c. Definition of Deficiencies

A review of the land coverage deficiency and the population deficiency indicates a very good coverage where it counts and that is, disaster warning where the people are.

- (1) The "WARNING COVERAGE MAP" clearly shows that all communities of any size are in warning covered areas. The remainder of the uncovered areas are in the scattered sections as indicated.
- (2) A computation using the normal rule of thumb figure of three (3) to a residence times the estimated five hundred (500) residences seemingly not covered, implies a lack of warning for approximately fifteen hundred (1500) persons.
- (3) The fifteen hundred (1500) deficiency figure represents a perfect situation in which the atmospheric conditions and the time of the day would be ideal. Such conditions rarely exist.
- (4) Therefore, it is estimated that the unwarned population could be increased fivefold to seven thousand five hundred (7,500) and the disaster warning would still reach about one hundred and seven thousand (107,000) persons or 93% of the total population.
- (5) It is concluded that while there is a deficiency of population coverage of about 7%, it is within an acceptable tolerance.
- (6) Some industries still have no decoders to receive disaster warning and/or disaster information. It is estimated that twenty (20) additional receivers will be needed to complete this coverage.
- (7) Some educational institutions still have no decoders. It is estimated that five (5) additional receivers will be needed to complete this coverage.

IV. RESPONSE ACTIONS

A. Requested Public Reaction to Warning

Warning as a function by itself is of no value unless the public understands its proper response. After hearing the warning sounds and listening to the news media as to what is the threat, the public must know the action called for and the response needed to save lives. Listed here are a few sample threat responses.

1. Enemy Attack

Information regarding attack is a responsibility of the Emergency Broadcast System augmented by emergency public information from local government. Public response actions for enemy attack are covered in the Vigo County Community Shelter Plan.

2. Tornado Alert

Detailed information concerning tornado sightings is the responsibility of the electronic news media augmented by local government official information. The public will be told to take survival actions as are on file with each of the electronic media.

3. Transportation Accident

Each transportation accident must be reacted to according to the individual event. Whether railroad or truck accident or if it is a chemical or radiation problem, the residents will be either evacuated or calmed with factual information.

4. Floods

Normal river floods are rather easily forecast and remedial measures can be foreseen and publicized early enough to negate the threat. Flash floods are not so predictable nor can remedial measures always be taken. Evacuation and rescue of the people is all that can be expected to take place.

V. UPDATING

A. Testing of the Plan

1. Time of Testing

Elected officials and volunteers involved in the warning system agree that it is impractical to test the system more than once each six (6) months. A full scale test will be conducted each July and January.

2. Public Notice

The general public will be alerted to the first semi-annual test but the following test will be unannounced. The unannounced test will be for the sole purpose of testing the ability of the system to do its job as would occur in a real emergency. All subsequent testing will be announced.

3. Observer Teams

More than 100 families have agreed to listen for warning sounds and to report to the Civil Defense office by card. Most have also indicated their willingness to be tornado spotters and to take training.

VI. SUMMARY OF COSTS

A. Expenses For The System (see Att: IV, Annex "A".)

The cost of the system and the expense of operating it is divided into three (3) categories - Private, Other Governmental Agencies and Civil Defense.

1. Private Sector

The private funding sector includes Industry, Volunteer Fire Departments, Parochial Schools, Colleges, and the Medical Entities which have a total cost contribution of \$60,180.00.

2. Other Governmental Agencies

The governmental agencies include the City Fire Department, the State Police and the County school system which have a total cost contribution of \$13,345.00.

3. Civil Defense

The Civil Defense Department has purchased a total of \$8,420.00 in equipment. A small amount has been reimbursed to the community from matching funds.

4. There is practically no maintenance nor replacement costs of the system simply because most of it belongs to entities other than the Civil Defense Department.

ATTACHMENT: I

ANNEX "A"

STATIONARY SIREN LOCATIONS (see map-red on blue)

Volunteer Fire Departments

1. Fontanet
2. Sandcut
3. Burnett
4. Shepardsville
5. New Goshen
6. Sandford
7. St. Mary of the Woods
8. North Terre Haute
9. Seelyville
10. West Terre Haute
11. Prairieton
12. Prairie Creek
13. Pimento
14. Blackhawk
15. Riley

Industries

1. C. F. Industries (Central Nitrogen)
2. Hercules Powder Co.
3. Commercial Solvents
4. Chas. Pfizer
5. U.S. Penitentiary
6. Hulman Field **
7. Mt. Pleasant Mine **

** In process of being acquired

ATTACHMENT: I

ANNEX "B"

MOBILE SIRENS BASE LOCATIONS (see map-black on red)

Volunteer Fire Departments

1. Fontanet
2. Sandcut
3. Burnett
4. Shepardsville
- 5.-6. New Goshen
7. Sandford
- 8.-9. St. Mary of the Woods
- 10.-11. Otter Creek
- 12.-13. Seelyville
- 14.-15. West Terre Haute
- 16.-17. Prairieton
- 18.-19. Prairie Creek
- 20.-21. Pimento
- 22.-23. Blackhawk
- 24.-25. Riley

City Fire Departments

1. Station #3
2. Station #6
3. Station #7
4. Station #8
5. Station #10
6. Station #11

Indiana State Police

1. Terre Haute Post

Industry

- 1.-2. Chas. Pfizer Co.

ATTACHMENT: I

ANNEX "C"

WHISTLES LOCATION (see map-green on gray)

Industry

1. Stran Steel Co.
2. Weston Paper Co.
3. Commercial Solvents (north)
4. Indiana Gas & Chemical
5. J. W. Davis Co.
6. Public Service Co. (Dresser Station)
7. Public Service Co. (Wabash River Station)
8. General Housewares Corp.

ATTACHMENT: I

ANNEX "D"

MOBILE UNIT WARNING POSITIONS

VOLUNTEER FIRE DEPARTMENTS

1. Fontanet	Mobile #1 - Junction of Hoffman and Downs Roads
2. Sandcut	Mobile #1 - Junction of Cox and Hartman Roads
3. Burnett	Mobile #1 - Junction of Grotto and Davis Roads
4. Shepardsville	Mobile #1 - 1/4 Mile South of Deering & Wood Road Junction
5. New Goshen	Mobile #1 - Crossroads in West New Goshen
6. New Goshen	Mobile #2 - 1 Mile East of 150 on Dugger Road
7. Sandford	Mobile #1 - Junction of Thralls and Trite Roads
8. St. Mary's	Mobile #1 - 1 Mile North of Liggett on Sandford Rd.
9. St. Mary's	Mobile #2 - 1/4 Mile South of Bolton Road on SR 63
10. Otter Creek #1	Mobile #1 - Hassieburger Rd. at Old WTHI Transmitter
11. Otter Creek #2	Mobile #2 - Hawthorne Ave. 1/2 Mi. East of Hunt Road
12. Seelyville	Mobile #1 - U.S. Highway 40 and Stop 10 Road
13. Seelyville	Mobile #2 - Junction of Bloomington & Fagg Roads
14. West Terre Haute	Mobile #1 - Junction of Cassidy and Darwin Roads
15. West Terre Haute	Mobile #2 - 2 1/2 Miles West on U.S. Highway 40
16. Prairieton	Mobile #1 - Junction of Highway 63 & Flesher Road
17. Prairieton	Mobile #2 - Junction of Dallas & Sullivan Roads
18. Prairie Creek	Mobile #1 - Junction of Worley and Drake Roads
19. Prairie Creek	Mobile #2 - Junction of Rinerson and Milan Roads
20. Pimento	Mobile #1 - Junction of Highways 246 and 41
21. Pimento	Mobile #2 - Junction of Eldridge and Payne Roads
22. Blackhawk	Mobile #1 - Junction of Louisville and Fox Roads
23. Blackhawk	Mobile #2 - Welsh Road at Milwaukee RR Crossing
24. Riley	Mobile #1 - Keller Crossroads
25. Riley	Mobile #2 - Junction of Lawson and Wyeth Roads

INDIANA STATE POLICE

1. Terre Haute Post	Mobile #1 - Top of Allendale Hill and U.S. 41
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INDUSTRY

1. Chas. Pfizer Co.	Mobile #1 - Township Line and Leek Roads
2. Chas. Pfizer Co.	Mobile #2 - Woodsmall and Eaton Roads

MOBILE UNIT WARNING POSITIONS (Con't)

CITY FIRE DEPARTMENTS

- | | | |
|----------------|---|---|
| 1. Station #3 | Mobile #1 - Will move around in near vicinity of base | |
| 2. Station #6 | Mobile #1 - | " |
| 3. Station #7 | Mobile #1 - | " |
| 4. Station #8 | Mobile #1 - | " |
| 5. Station #10 | Mobile #1 - | " |
| 6. Station #11 | Mobile #1 - | " |

ATTACHMENT: II

ANNEX "A"

RECEIVERS WITHOUT SOUND DEVICES

<u>Location</u> <u>Industry</u>	<u>Monitoring Time</u>	<u>Site of Receiver</u>
1. Columbia Records 1400 N. Fruitridge Ave.	24 hours	Switchboard
2. Gartland Foundry 330 Grant St.	8:00AM - 5:00PM	Office
3. Pillsbury Company 1 Sycamore Street	24 hours	Laboratory
4. Midland Glass Co. 2300 South 3rd St.	24 hours	Production Clk. Office
5. Packard Shirt Co. 1316 Plum Street	7:00AM - 5:00PM	Main Office
6. J. I. Case Co. 4831 North 13th St.	24 hours	Gate House
7. Reuben Donnelly 666 South 1st St.	8:00AM - 4:30PM	Personnel Office
8. Modern Album 1299 Voorhees St.	7:00AM - 5:00PM	Main Office
9. Smith Alsop Co. 630 North 3rd St.	8:00AM - 5:00PM	Switchboard
10. Eastern Express 1450 Wabash Ave.	24 hours	Central Dispatch Office
11. Thomson-Symon 1330 Beech St.	8:00AM - 5:00PM	Switchboard
12. Walker Electric 126 South 3rd St.	8:00AM - 5:00PM	Switchboard
13. Ann Page Foods Fruitridge & Locust St.	24 hours	Watchman's Desk
14. Hulman & Co. 9th & Wabash Ave.	8:00AM - 5:00PM	Switchboard
15. Anaconda Aluminum North 13th St. Rd.	24 hours	Gate House

<u>Location</u>	<u>Monitoring Time</u>	<u>Site of Receiver</u>
<u>Industry (Con't)</u>		
16. Ethyl-Visqueen E. Ft. Harrison Rd..	24 hours	Office Section
17. Honey Creek Square U.S. 41 & Davis Ave.	8:00AM - 12:00N	Custodian's Room
18. Terre Haute Gas Corp. Dresser Dr. & Oak St.	24 hours	Office
19. General Telephone Co. 711 Poplar St.	24 hours	Chief Oper. Station
20. Terre Haute Water Works Locust & Water Sts.	24 hours	Pumping Station
<u>Education</u>		
21. Administration Bldg. 961 Lafayette Ave.	8:00AM - 5:00PM	Superintendent's Office
22. Benjamin Franklin 1600 Elm St.	7:30AM - 4:00PM	Principal's Office
23. Collett 2000 No. 10th St.	7:30AM - 4:00PM	Principal's Office
24. Concannon Jr. High Ferguson Hill (W.T.H.)	6:00AM - 4:00PM	Principal's Office
25. Consolidated Elem. Old U.S. 40 West	7:30AM - 4:00PM	Principal's Office
26. Crawford 701 So. 5th St.	8:00AM - 3:30PM	Principal's Office
27. Cruft 801 College Ave.	8:30AM - 4:00PM	Principal's Office
28. Davis Park 1800 Poplar	7:30AM - 4:00PM	Principal's Office
29. Deming 1619 No. 16th St.	7:30AM - 4:00PM	Main Office
30. Dixie Bee Elem. U.S. 41 South	7:30AM - 4:00PM	Principal's Office
31. Fairbanks 1720 So. 6th St.	8:00AM - 3:30PM	Principal's Office
32. Fayette Elem. New Goshen, Ind.	7:30AM - 4:00PM	Principal's Office

<u>Education (Con't)</u>	<u>Monitoring Time</u>	<u>Site of Receiver</u>
33. Rio Grande Elem. Sandcut	7:30AM - 4:00PM	Main Office
34. Fuqua 1111 Wheeler	7:30AM - 4:00PM	Principal's Office
35. Chauncy Rose Jr. High 13th & 3rd Ave.	7:30AM - 4:00PM	Office
36. Greenwood 145 Voorhees	8:00AM - 3:15PM	Principal's Office
37. Honey Creek Jr. High 6215 Honey Creek Rd.	7:00AM - 4:00PM	Main Office
38. Lange Lafayette & North Ave.	7:30AM - 4:00PM	Main Office
39. Lost Creek Elem. 6001 Wabash Ave.	7:30AM - 4:00PM	Main Office
40. Maintenance Bldg. 3205 Park Ave. (N.T.H.)	7:00AM - 5:00PM	Office
41. Maple Avenue 3200 Maple Ave.	8:00AM - 3:30PM	Principal's Office
42. Meadows Elem. 55 So. Brown Ave.	8:00AM - 4:00PM	Main Office
43. Montrose 1300 So. 17th St.	7:30AM - 4:00PM	Main Office
44. Otter Creek Elem. North Terre Haute	8:00AM - 4:00PM	Asst. Principal's Office
45. Otter Creek Jr. High North Terre Haute	7:30AM - 4:00PM	Main Office
46. Pimento Elem. Pimento, Ind.	8:00AM - 3:30PM	Main Office
47. Rea 1320 No. 4th St.	7:30AM - 4:00PM	Main Office
48. Riley Elem. Riley, Ind.	7:30AM - 4:00PM	Main Office
49. Sandison 1800 Chestnut St.	7:45AM - 3:30PM	Main Office
50. Sarah Scott Jr. High 2000 So. 9th St.	7:30AM - 4:00PM	Main Office

<u>Education (Con't)</u>	<u>Monitoring Time</u>	<u>Site of Receiver</u>
51. Sugar Grove 2800 Wallace Ave.	7:30AM - 4:00PM	Main Office
52. T.H. North Vigo High 3434 Maple Ave.	7:00AM - 4:00PM	Main Office
53. T.H. South Vigo High 3737 South 7th St.	7:00AM - 4:00PM	Main Office
54. Terre Town 2121 Boston	7:30AM - 4:00PM	Principal's Office
55. Thornton 2830 College Ave.	7:30AM - 4:00PM	Main Office
56. Warren 1300 North 25th St.	7:30AM - 4:00PM	Main Office
57. W.T.H. Elementary 500 Olive St. (W.T.H.)	7:30AM - 4:00PM	Principal's Office
58. West Vigo High School R.R. #1 - W.T.H.	7:30AM - 4:00PM	Main Office
59. Washington Bldg. 1101 So. 13th St.	8:00AM - 4:00PM	Room 12
60. W. Wilson Jr. High 301 So. 25th St.	7:30AM - 4:00PM	Principal's Office
61. Sacred Heart 133C Lafayette Ave.	7:30AM - 3:15PM	7th Grade Room
62. St. Margaret Mary's 627 Voorhees	7:30AM - 3:15PM	8th Grade Room
63. St. Patrick's 449 So. 19th St.	7:30AM - 3:15PM	8th Grade Room
64. St. Ann's 1440 Locust	7:30AM - 3:15PM	8th Grade Room
65. Schulte 2901 Ohio St.	7:30AM - 4:00PM	Business Office
66. ISU Student Health Center 24 hours 5th & Sycamore		2nd Fl. Nsg. Sta.
67. St. Mary's College 24 Hours St. Mary of the Woods, Ind.		Guard House
68. Indiana Vocational Trg. 8:00AM - 5:00PM R.R. 22 (T.H.)		Business Office
69. Rose Hulman Inst. of Tech. 24 hours 5500 Wabash Avenue		Maintenance

28.

<u>Location</u>	<u>Monitoring Time</u>	<u>Site of Receiver</u>
<u>Medical</u>		
70. St. Anthony Hospital 1021 So. 6th St.	24 hours	Switchboard
71. Union Hospital 1606 No. 7th St.	24 hours	Switchboard
72. American Red Cross 700 So. 3rd St.	8:00AM - 5:00PM	Director's Office

Government

73. Harry Johnson 1630 So. 10th St.	24 hours	Residence
74. Herman Siebenmorgen 2228 Crawford St.	24 hours	Residence
75. County Highway ** 101 Ohio Street	24 hours	Superintendent
76. City Street Dept. ** 1329 Deming	24 hours	Office
77. County Commissioner **	24 hours	Residence
78. County Commissioner **	24 hours	Residence
79. County Commissioner **	24 hours	Residence
80. County Councilman **	24 hours	Residence
81. County Councilman **	24 hours	Residence

** Deficient

ATTACHMENT: II

ANNEX "B"

RECEIVERS WITH SOUND DEVICES (Stationary Sirens)

<u>Location</u> <u>Industry</u>	<u>Receiver Location</u>	<u>Location of</u> <u>Triggering Device</u>
1. C. F. Industries (Central U. S. 41 North Nitrogen)	Gate House	Gate House
2. Hercules Powder Co. U. S. 41 North	Gate House	Gate House
3. Commercial Solvents (South) 1st & Washington St.	Power House (North) #	Office South
4. Chas. Pfizer Co. U. S. 41 South	Gate House	Gate House
5. Federal Penitentiary St. Rd. 63 South	Tower	Tower
6. Air National Guard ** Hulman Field	Hanger	Hanger
7. Mt. Pleasant Mine ** R.R. 25 (T.H.)	To be determined	

Two sound devices served by one receiver (see Annex "C".)

* All facilities have 24 hour monitoring service

** Deficient

ATTACHMENT: II

ANNEX "C"

RECEIVERS WITH SOUND DEVICES (Whistles)

<u>Location</u> <u>Industry</u>	<u>Receiver Location</u>	<u>Location of</u> <u>Triggering Device</u>
1. Stran Steel Co. 10 1/2 & Crawford St.	Gate House	Gate House
2. Weston Paper Co. Prairieton Rd. & Voorhees	Engine Room	Engine Room
3. Commercial Solvents (North) Power House # 1st & Washington St.		Power House
4. Indiana Gas & Chemical 13 1/2 & Hulman	Office	Boiler Room
5. J. W. Davis Co. 7th & Prospect	Office	Boiler Room
6. Public Service (Wabash Sta.) 301 Home Avenue # Old River Rd. (North)		Watchman's Office
7. Public Service (Dresser Sta.) 301 Home Avenue # Darwin Rd. (South)		Boiler Room
8. General Housewares Corp.	Power Room	Boiler Room

Two sound devices served by one receiver (see Annex "B".)

* All facilities have 24 hour monitoring service

ATTACHMENT: II

ANNEX "D"

RECEIVERS FOR EXTENSION TO PUBLIC

<u>Location</u>	<u>Monitoring Time</u>	<u>Site of Receiver</u>
<u>Electronic Media</u>		
1. WTWO-TV U.S. Hi'way 41 South	7:00AM - 2:00AM	News Room
2. WTHI-TV 918 Ohio Street	7:00AM - 2:00AM	News Room
3. Wiil-TV 115 Walnut Street	7:00AM - 2:00AM	News Room
4. WBOW Radio 1301 Ohio Street	24 Hours	News Room
5. WAAC Radio ** 641 Ohio Street	Dawn to Dusk	To be determined
6. WVTS FM Radio ** U.S. Hi'way 40 West	8:00AM - 5:00PM	To be determined
7. CABLE TV ** 730 Wabash Avenue	8:00AM - 5:00PM	To be determined
8. Tribune-Star Newspaper ** 721 Wabash Avenue	24 Hours	To be determined

** Deficient

ATTACHMENT: II

ANNEX "E"

VOLUNTEER FIRE DEPARTMENTS

W/DUAL TONE DECODERS ACTIVATING FIXED SIRENS

RADIO CARRIER - FREQ. 154.31MHZ

<u>DEPARTMENT</u>	<u>COMMON TONE</u>	<u>CPS</u>
Otter Creek #1 (NTH)	2575	1036
Otter Creek #2 (Sandcut)	2575	1130
Otter Creek #3 (Burnett)	2575	1232 #
St. Mary of the Woods	2575	672
Prairieton	2575	732
New Goshen	2575	799
Pimento	2575	871
Sandford	2575	1344
Blackhawk	2575	1465
Prairie Creek	2575	1598 #
Shepardsville	2575	1743
West Terre Haute	2575	1901 #
Seelyville	2575	2073 *
Riley	2575	2361 *
Fontanet	2575	*
Alert for all Units	2575	2807

Purchased and to be installed

* To be acquired

ATTACHMENT: III
ANNEX "A"

SUMMARY OF ESTIMATED COSTS

PRIVATE SECTOR

Industry

7 Sirens, Stationary	@ \$ 400	\$ 2,800	
8 Whistles, Stationary	@ 300	2,400	
31 Decoders	@ 110	3,410	
2 Transceivers, Mobile	@ 850	1,700	
2 Sirens, Mobile	@ 275	550	
1 Transceiver, Base	@ 850	850	<u>\$11,710*</u>

Volunteer Fire Departments

15 Sirens, Stationary	@ \$ 400	\$ 6,000	
12 Transceivers, Base	@ 850	10,200	
26 Transceivers, Mobile	@ 850	22,100	
26 Sirens, Mobile	@ 275	7,150	<u>\$45,450**</u>

Educational Entities

5 Decoders (Parochial)	@ \$ 110	\$ 550	
4 Decoders (Colleges)	@ 110	440	<u>\$ 990</u>

Medical Entities

3 Decoders	@ \$ 110	\$ 330	
1 Transceiver, Base	@ 850	850	
1 Transceiver, Mobile	@ 850	850	<u>\$ 2,030</u> <u>\$60,180</u>

OTHER GOVERNMENTAL AGENCIES

Indiana State Police

1 Transceiver, Mobile	@ \$ 850	\$ 850	
1 Siren, Mobile	@ 275	275	<u>\$ 1,125</u>

City Fire Department

1 Transceiver, Base	@ \$ 850	\$ 850	
6 Transceivers, Mobile	@ 850	5,100	
6 Sirens, Mobile	@ 275	1,650	<u>\$ 7,600**</u>

Vigo County Schools

40 Decoders	@ \$ 110	\$ 4,400	<u>\$ 4,400</u>
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Local Government

2 Decoders	@ \$ 110	\$ 220	<u>\$ 220#</u> <u>\$13,345</u>
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CIVIL DEFENSE

Volunteer Fire System

12 Decoders	@ \$ 150	\$ 1,800	
4 Encoders	@ 500	2,000	
2 Transceivers, Base	@ 850	1,700	<u>\$ 5,500</u>

Civil Defense Department

2 Decoders	@ \$ 110	\$ 220	
2 Transceivers, Base	@ 850	1,700	
4 R/R (News Media)	@ 250	1,000#	<u>\$ 2,920***</u> <u>\$ 8,420</u>

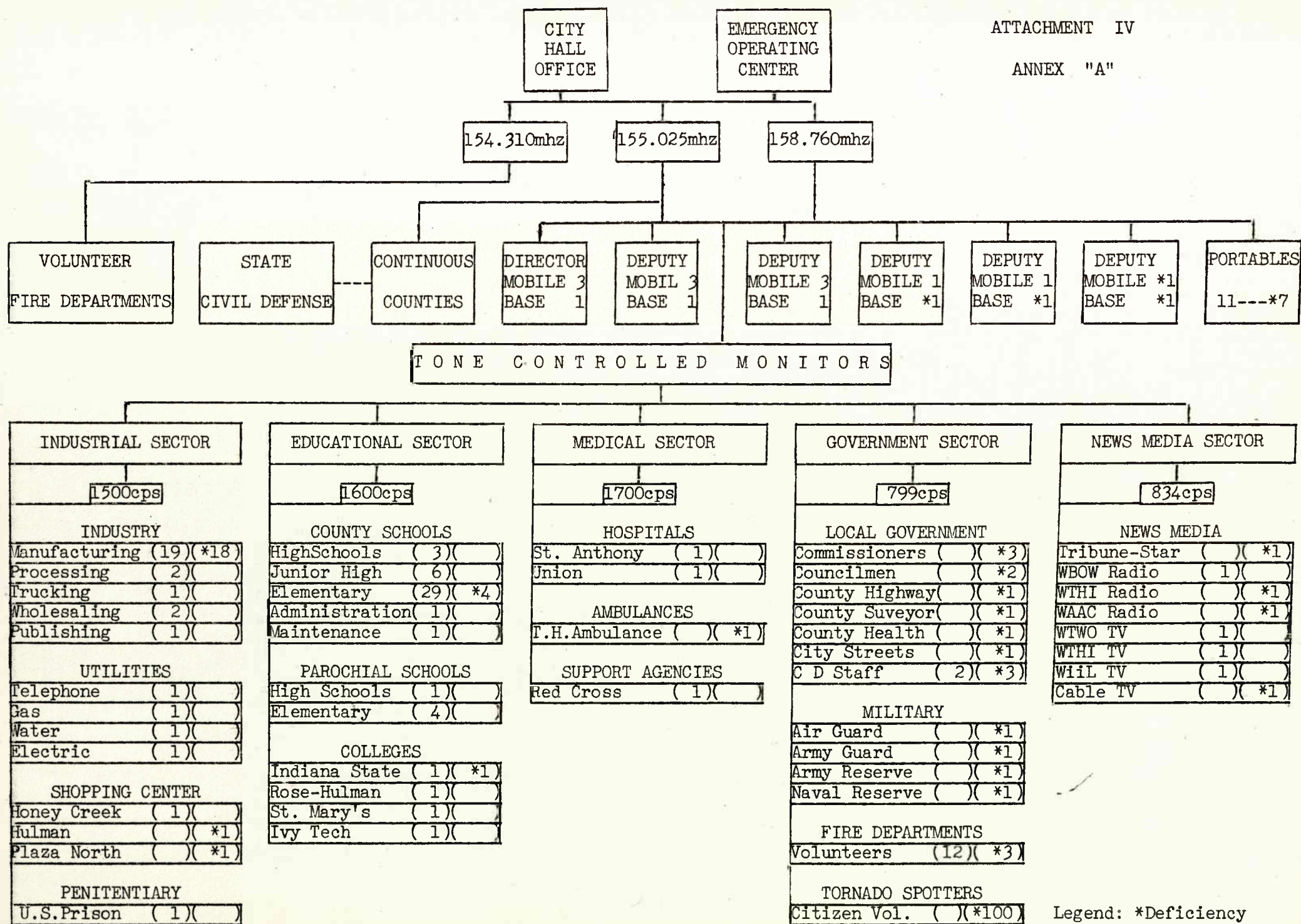
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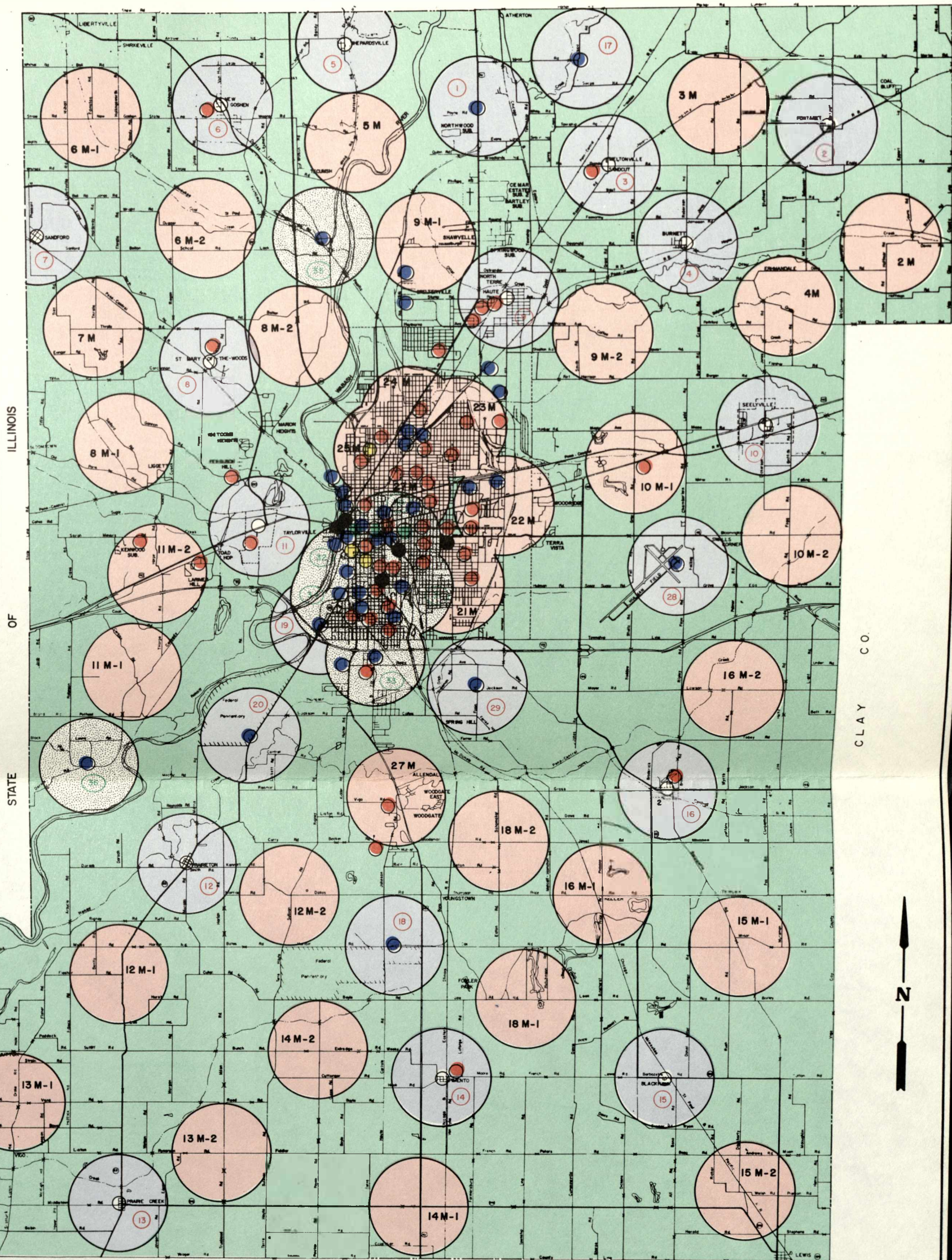
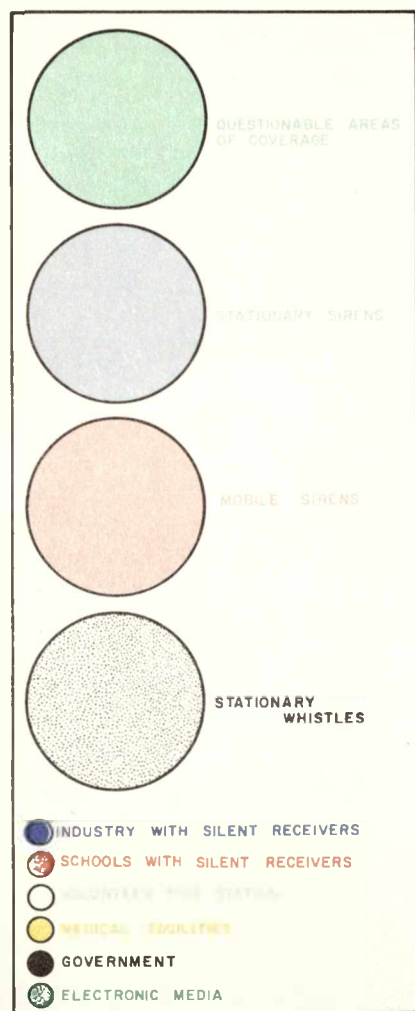
\$81,945

- # Fifty (50) percent of the original acquisition costs were refunded from federal funds.
- * This does not include the estimated costs of the two (2) vehicles provided to the system by the Chas. Pfizer Co. (est. \$20,000 each) nor the manpower and fuel needed for the vehicles to reach their disaster warning deployment locations.
- ** This does not include the estimated costs of the thirty-two (32) City and Volunteer Fire Department vehicles (est. \$20,000 each) nor the manpower and fuel needed for the vehicles to reach their disaster warning deployment locations.
- *** It should be emphasized that the total cost to the Civil Defense Department to put the system together and to make it work has been \$8,420. As has been noted under #, \$610 of this expenditure has been refunded to the community from federal funds.
- + The total cost of \$81,945 should be reduced by \$610 and to it should be added an estimated \$680,000 for the thirty-four (34) fire vehicles and an estimated \$6,000 for the State Police vehicle which are included in the system as carriers of the mobile sound devices. The estimated cost of the total system is \$767,335.

ATTACHMENT IV

ANNEX "A"





PREPARED BY
THE AREA PLANNING DEPARTMENT
FOR VIGO COUNTY

CLAY CO

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- | | | | |
|---|--|---|---|
| 1 C.F. INDUSTRIES (U.S. 41 NORTH) | 9 OTTER CRK. V.F.D. (N. Terre Haute, Ind.) | 14M-2 PIMENTO MBL. #2 (Juct. Eldredge - Payne Rd.) | 25 T.H.F.D. MBL. #7 (9th - Lafayette Ave.) |
| 2 FONTANET V.F.D. (Fontanet, Ind.) | 9M-1 OTTER CRK. MBL. #1 (Hassleburger at old WTHI Bldg.) | 15 PIERSON TWP. V.F.D. (Blackhawk, Ind.) | 26 T.H.F.D. MBL. #3 (13th - Chase St.) |
| 2M FONTANET MBL. (Juct. Hoffman & Downs Rd.) | 9M-2 OTTER CRK. MBL. #2 (1/4 M.-E. Smith Rd. at Hawthorne) | 15M-1 PIERSON MBL. #1 (Juct. Louisville - Fox Rd.) | 27 IND. STATE POLICE MBL. #1 (U.S. 41 - Vigo Rd.) |
| 3 OTTER CRK. #2 V.F.D. (Sandcut, Ind.) | 10 SEELYVILLE V.F.D. (Seelyville, Ind.) | 15M-2 PIERSON MBL. #2 (Walsh Rd. - Milwaukee R.R.) | 28 IND. AIR NAT. GUARD (Hulman Field) |
| 3M OTTER CRK. #2 MBL. (Juct. Cox - Hartman Rd.) | 10M-1 SEELYVILLE MBL. #1 (Stop 10 Rd. & U.S. 40) | 16 RILEY V.F.D. (Riley, Ind.) | 29 MT. PLEASANT MINE (Fagin - Jackson Rd.) |
| 4 OTTER CRK. #3 V.F.D. (Burnett, Ind.) | 10M-2 SEELYVILLE MBL. #2 (Juct. Bloomington - Fagg Rds.) | 16M-1 RILEY MBL. #1 (Keller Crossroads) | |
| 4M OTTER CRK. #3 MBL. (W. of Davis on Groto Rd.) | 11 W.T.H. V.F.D. (West Terre Haute, Ind.) | 16M-2 RILEY MBL. #2 (Juct. Lawson - Wyeth Rd.) | |
| 5 SHEPARDVILLE V.F.D. (Shepardsville, Ind.) | 11M-1 W.T.H. MBL. #1 (Juct. Cassidy - Darwin Rd.) | 17 HERCULES PLANT (U.S. 41 N.) | |
| 5M SHEPARDVILLE MBL. (1/4 M.-S. of Deering on Wood) | 11M-2 W.T.H. MBL. #2 (2 1/2 M.-W. on U.S. 40) | 18 CHARLES PFIZER CO. (U.S. 41 S.) | |
| 6 NEW GOSHEN V.F.D. (New Goshen, Ind.) | 12 PRAIRIETON V.F.D. (Prairieton, Ind.) | 18M-1 PFIZER MBL. #1 (Twp. line - Leek Rd.) | |
| 6M-1 NEW GOSHEN MBL. #1 (W. New Goshen Crossroads) | 12M-1 PRAIRIETON MBL. #1 (Juct. Fischer - S.R. 63) | 18M-2 PFIZER MBL. #2 (Juct. Woodsmall - Eaton Rd.) | |
| 6M-2 NEW GOSHEN MBL. #2 (1 M. E. - 150 on Dugger Rd.) | 12M-2 PRAIRIETON MBL. #2 (Juct. Dallas - Sullivan Rd.) | 19 COMMERCIAL SOLVENTS S. PLANT (Prairieton - Boring) | |
| 7 SANDFORD V.F.D. (Sandford, Ind.) | 13 PRAIRIE CRK. V.F.D. (Prairie Creek, Ind.) | 20 U.S. PENITENTIARY (S.R. 63 - Springfield Rd.) | |
| 7M SANDFORD MBL. (Juct. Threlk - Trite Rd.) | 13M-1 PRAIRIE CRK. MBL. #1 (Juct. Warty - Drake Rd.) | 21 T.H.F.D. MBL. #6 (2600 Hulman St.) | |
| 8 ST. MARY'S V.F.D. (St. Mary of the Woods, Ind.) | 13M-2 PRAIRIE CRK. MBL. #2 (Juct. Rynerson - Milan Rd.) | 22 T.H.F.D. MBL. #8 (Fruitridge - Riley Ave.) | |
| 8M-1 ST. MARY'S MBL. #1 (1 M. N. Liggitt on Sandford Rd.) | 14 PIMENTO V.F.D. (Pimento, Ind.) | 23 T.H.F.D. MBL. #11 (2601 Maple Ave.) | |
| 8M-2 ST. MARY'S MBL. #2 (1/4 M.-S. Bolton on 63) | 14M-1 PIMENTO MBL. #1 (Juct. U.S. 41 - S.R. 246) | 24 T.H.F.D. MBL. #10 (14th - Barbour Ave.) | |

WHISTLES

- | |
|--|
| 30 STRAN STEEL (10 1/2 - Crawford St.) |
| 31 IND. GAS - CHEMICAL (13 1/2 - Hulman St.) |
| 32 COMMERCIAL SOLVENTS N. PLANT (1st - Washington) |
| 33 J.W. DAVIS CO. (7th - Prospect) |
| 34 WESTON PAPER CO. (Prairieton - Voorhees) |
| 35 P.S.I. - N. (Wabash Station) |
| 36 P.S.I. (Dresser Station) |

A P P R O V A L SDate: 1 November 1973Harry P. Brentlinger
Pres. CommissionerDate: 1 November 1973Frank P. Kiperak
CommissionerDate: 1 November 1973John Scott
CommissionerDate: 1 November 1973Wm J. Brighton
MayorAttested: 1 November 1973Frank G. Walker
County Auditor

common enemy. An ordinance was also prepared against the person who makes disloyal utterances not only against the President, the government, the army and navy, but also the associated societies who are aiding in winning the war, such as the Red Cross Society of America, the Y. M. C. A., and kindred organizations. Another of the ordinances would punish the man who would prevent the production and distribution of the munitions and materials needful to win the war. These ordinances, it is thought, are sufficient to cover such malfections as are apparent at this time.

GENERAL ACTIVITIES.

In addition to the special work outlined in the foregoing report, this department has tried to take care of all cases of disloyalty and insubordination to the general plan of winning the war that have been made to the State Council of Defense. In taking care of these reported cases we have aided in securing affidavits against the malefactors and in reporting the incidents to the district attorneys, Bureau of Investigation of the Department of Justice, to the Secret Service Department of the government, etc., and many of these cases have been handled through these departments in such a way as to have a salutary effect throughout the State. We have endeavored at all times to keep in close touch with any situation that bid fair to develop a conspiracy, as we felt that the individual cases of disloyalty would be properly taken care of by the loyal persons who lived in the immediate community.

The beginning of the year 1918 found Indiana in fair shape in so far as its workers were not being hindered by adverse elements.